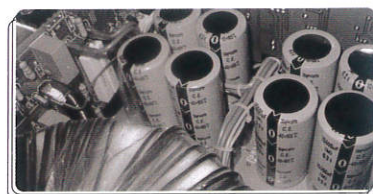
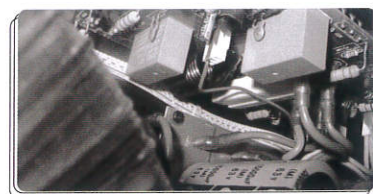


-Real Sound power amplifiers are constructed to satisfy even the most demanding professional musician.

Amplifiers

Power Amplifier



A new generation of Real Sound power amplifiers ready to be used under no less than the most critical conditions. The completely re-designed professional amplifiers incorporate a whole range of new ideas and intelligent solutions for the most in operational safety. Superb sound quality, highest reliability, excellent dynamic response and high backup power are what we expected when developing these new amplifiers and we weren't disappointed. Lowest possible distortion values could be realized by employing only highest quality components put to work by a sophisticated circuitry.

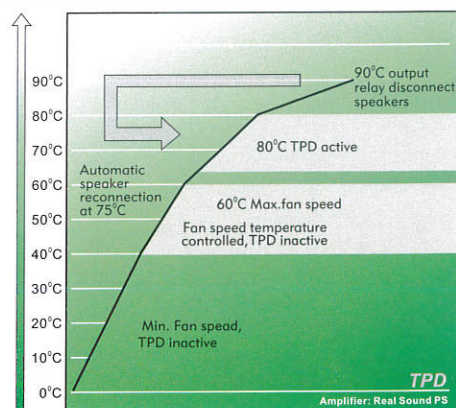
Every ps (professional system) series amplifier employs a sophisticated high-headroom limiter circuit which becomes activated by means of several internal sensors.

Temperature Protect Design

This is a specially developed temperature control system, effectively preventing shut-off of the amplifier caused by overheating should the heat sink temperature exceed 80°C, the TPD automatically activates the limiter. Initially, only the signal peaks are attenuated, so that the average loudness of the music signal is not affected.

The TPD circuit becomes only active when all built-in cooling measures fail to supply the amplifier with cooling air. whenever the TPD control indicates limitation by overheating, the user should check his amplifier setup for sufficient cooling air supply.

Heat sink Temperature





Real Sound Power Amplifiers

-See your authorized Real Sound dealer for full warranty disclosure and details.
For customers outside of the USA, please contact your authorized Real Sound distributor for warranty information

Amplifiers



Specifications

Model	PS-3.5x	PS-5.0x	PS-8.0x
RMS output power into 8ohm	2x350w	2x500w	2x800w
RMS output power into 4ohm	2x500w	2x750w	2x1200w
RMS output power into 2ohm	2x700w	2x1000w	2x1600w
RMS output power into 8ohm, bridge mode	1400w	2000w	2400w
Input sensitivity constant gain 33db for full			
Output(2x4ohm stereo)	0.775v(0dB)	0.775v(0dB)	0.775v(0dB)
Frequency response(stereo 4ohm@1w ref 1khz-3dB)	10Hz-50KHz	10Hz-50KHz	10Hz-50KHz
Total harmonic distortion (@10w ref 20hz-1khz)	<0.01%	<0.01%	<0.01%
Total harmonic distortion (@10w ref 10hz-20khz)	<0.02%	<0.02%	<0.02%
Inter modulation distortion	<0.01%	<0.01%	<0.01%
Damping factor(@1khz,8ohm)	>700	>700	>700
Convert rate	>45/ μ secretary	>45/ μ secretary	>45/ μ secretary
Controller front	ac ON@OFF, CHA,CHB gain		
Controller rear	Stereo, Mono Bridge ON&OFF, Wiring terminal		
Work Status Indication			
Power		ok	
Signal		ok	
Clip		ok	
Temp		ok	
Dc		ok	
Protect Circuit			
On soft		ok	
On load protector		ok	
Subsonic and dc protector		ok	
Sonic protector		ok	
High temperature		ok	
Aaiocc		ok	
Vclt		ok	
Power protector		ok	
Output protector		ok	
Connectors input	1/4" phone jack/xlr(female)compound socket, parallel XLR male per input		
Connectors output	1 x 4-pole-speakon per channel /1x4-Pole-Speakon fo bridge mode		
Cooling	2 vari-speed fans/convection cooling/front panel air exit		
mains supply voltage	115/230 V(Region variety) AC 50/60Hz		
Dimension(wxhxd)	545x185x545mm		
Weigheht	23kg	26kg	30kg

Specifications

